

1. A method of treating disc herniation or degenerative disc disease,
2 including the step of:
injecting tissue growth factors or differentiation factors into the spinal canal or
4 disc as part of the treatment procedure.

2. The method of claim 1, including the step of:
2 concentrating and releasing the growth or differentiation factors from a patient's
blood.

3. The method of claim 1, including the step of:
2 obtaining the growth or differentiation factors from recombinant genetic
techniques or animal sources.

4. The method of claim 1, including the step of selecting the growth and
2 differentiation factors from the following list:

- TGF- α , - β 1, -2; EGF, IGF-I; PDGF; FGF; IL-I, -1a, -1b, -2, -3, -4, -5, -6, ... n;
4 BMP-1, -2, -3, -4, -5, -6, -7, -8, -8B, -9, -12, -13, ... n; VEGF; and recombinant forms
thereof.